

20020313.qrp v02_n493.qrl.20020313

Date: Wed, 13 Mar 2002 19:03:11 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2493

QRP-L Digest 2493

Topics covered in this issue include:

- 1) [121954] Re: Paraffin Is Better [House Paint OK Too]
by Chuck Carpenter <w5usj@9plus.net>
- 2) [121955] Re: Hum on DC receiver
by "Ian Wilson" <ianmwilson@earthlink.net>
- 3) [121956] New QRP web site
by John Harper AE5X <ae5x@qsl.net>
- 4) [121957] TEA5551 SMD to 16SIP protoboarder
by nilsbull@juno.com
- 5) [121958] A Single Band 10M Rogers Dobbins Helical Conical, (Condo Cone)
compact HF antenna
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 6) [121959] Web page updated
by "Pastor-KC1DI" <elbc@pivot.net>
- 7) [121960] Re: Web page updated
by "Pastor-KC1DI" <elbc@pivot.net>
- 8) [121961] Re: Boots for my FT-817
by "Mike Yetsko" <myetsko@insydesw.com>
- 9) [121962] Truffle- K4FB Log 8Mar02
by Paul Womble <pwomble1@tampabay.rr.com>
- 10) [121963] Re: Elecraft K1 Transceiver: A Lean, Mean CW Machine
by lhlousek <lhlousek@nvtbell.net>
- 11) [121964] Re: Cap Kits
by "Larry Przyborowski" <k3peg@yahoo.com>
- 12) [121965] lazy hams etc.
by Gary Lee <kb9zuv@arrl.net>
- 13) [121966] NEQRP CW Net, 14 March 02, 8:30 PM EST, 3.565 MHz
by Chuck Ludinsky <cjl@mitre.org>
- 14) [121967] Re: Ladder Line Construction
by Bruce Rattray <rattray@gpfn.sk.ca>
- 15) [121968] [FOX] KD5KXF begging for Q's
by "Dave WR50" <dendav@dzdn.com>
- 16) [121969] Cub Fox: Go Get Him
by Paul Womble <pwomble1@tampabay.rr.com>
- 17) [121970] Pesky Texan Armadillo Chase (Update March 12 - evening)
by "N1LN" <n1ln@earthlink.net>
- 18) [121971] Re: Boiling Spreaders in Parafin
by Pete Burbank <plburbank@kih.net>

- 19) [121972] Re: [fpqrp] Cub Fox: Go Get Him
by "WA5PB" <wa5pb@yahoo.com>
- 20) [121973] Re: [FOX] KD5KXF begging for Q's
by "hhooker" <hhooker@email.msn.com>
- 21) [121974] Re: Pesky Texan Armadillo Chase (Update March 12 - evening)
by John Wagner <john@wagner-usa.net>
- 22) [121975] RE: Trade WM-20 board (assembled) for ???
by "Dave Ek" <ekdave@earthlink.net>
- 23) [121976] Re: [TenTec] Re: Orion & software upgrades scenario
by "KD5NWA" <KD5NWA@mbayona.com>
- 24) [121977] NETXQRP Club Meeting 16 Mar '02
by Chuck Carpenter <w5usj@9plus.net>
- 25) [121978] Re: New QRP web site
by "Karl F. Larsen" <k5di@zianet.com>
- 26) [121979] White Mountain Series SSB Transceivers
by "Steve Blary" <steve@eclipsecat.com>
- 27) [121980] Crystals for trade
by N4SKS@cs.com
- 28) [121981] Atlanticon
by Ed Lawson <elawson@lawson-philpot.com>
- 29) [121982] crystals for trade #2
by N4SKS@cs.com
- 30) [121983] A Few Items For Sale
by Ed Kessler <edkess@pa.net>
- 31) [121984] FW: WARNING: Potential Major Solar Flare Warning - 12 March
by Majority Mike Capt 56 TRS/IP <mike.majority@luke.af.mil>
- 32) [121985] Bat handled toggle switch
by "John P. Cummins, Sr." <jpcummins@charter.net>
- 33) [121986] Hearing the ocean on my radio
by Alex <kr1st@amsat.org>
- 34) [121987] How to find a match pair transistor the practical way
by "Donny Sirait" <dsirait@centrin.net.id>
- 35) [121988] Re: How to find a match pair transistor the practical way
by "Glen Leinweber" <leinwebe@mcmail.cis.mcmaster.ca>
- 36) [121989] rg-316 cable
by Gary Lee <kb9zuv@arrl.net>
- 37) [121990] Making your own LadderLine
by Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
- 38) [121991] 10 and 15m open to Africa from VA
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
- 39) [121992] Re: rg-316 cable
by "Brian" <brian@iquest.net>
- 40) [121993] Pre wound toroids offered for K1, K2 and accessories
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
- 41) [121994] Re: Hearing the ocean on my radio
by Pete Burbank <plburbank@kih.net>
- 42) [121995] Re: [Elecraft] Pre wound toroids offered for K1, K2 and accessories
by Phil Wheeler <w7ox@earthlink.net>

- 43) [121996] Re: Making your own LadderLine
by MIKE SOUHRADA <wb9iog@revealed.net>
- 44) [121997] rf connectors FS
by N4SKS@cs.com
- 45) [121998] Re: [Elecraft] Pre wound toroids offered for K1, K2 and accessories
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
- 46) [121999] HB: What are the most popular surface mount IC's?
by "Rex Harper" <wlrex@megalink.net>
- 47) [122000] Re: Pre wound toroids offered for K1, K2 and accessories
by Wayne Burdick <n6kr@elecraft.com>
- 48) [122001] Re: HB: What are the most popular surface mount IC's?
by David Hinerman <WD8CIV@worldnet.att.net>
- 49) [122002] Re: Pre wound toroids offered for K1, K2 and accessories
by Ed Lawson <k1vp@grizzly.com>
- 50) [122003] (re) Prewound Toroids
by "Tom Dufresne" <tdufres@hotmail.com>
- 51) [122004] Re: (re) Prewound Toroids
by Ed Lawson <k1vp@grizzly.com>
- 52) [122005] Winding toroids (therapy)
by "Howard Kraus" <K2UD@adelphia.net>
- 53) [122006] Re: Winding toroids (therapy)
by KKANALZ@prodigy.net
- 54) [122007] Great site for electronics information
by <jhisson1@columbus.rr.com>
- 55) [122008] Re: (re) Prewound Toroids
by "carl seyersdahl" <carlseye@tampabay.rr.com>
- 56) [122009] Re: Winding toroids (therapy)
by "Karl F. Larsen" <k5di@zianet.com>
- 57) [122010] FDIM
by Tom Feeny <tfeeny@comcast.net>
- 58) [122011] Joel's Truck
by hamjoel@juno.com
- 59) [122012] Re: Great site for electronics information
by Ekim Snave <kd5aad2000@yahoo.com>
- 60) [122013] Re: White Mountain Series SSB Transceivers
by "carl seyersdahl" <carlseye@tampabay.rr.com>

Date: Tue, 12 Mar 2002 18:24:36 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [121954] Re: Paraffin Is Better [House Paint OK Too]
Message-ID: <3.0.2.32.20020312182436.00833920@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At least up to 70 cm which is as high as I could measure any effects.

>
>I can't think of a paint that would have low
>dielectric loss(es) compared to paraffin wax....

>
I painted 70 cm antenna connections and feed points with regular water-based house paint (Latex). Sandstone and an off-white were used. The SWR was measured before painting and again the next day. This to wait for the paint to dry. No change in SWR at 70 cm. Should be no problem at all at HF frequencies. Soak your dowels in Latex paint and avoid the problems with the YF and her kitchen appliances.

My W9INN multi-band dipole uses paint-dipped spreaders. It's been up for about 8 years with no sign of spreader deterioration.

Wax-dipped doweling was used before modern materials were available. Still would work but not needed.

BTW, a couple of expensive plastics that would work outdoors for a long time are PTFE and UHMW. PTFE as you all know is Teflon (polytetrafluoroethylene). UHMW is ultra high molecular weight polyethylene. UHMW is used in food industry among other places and has very high abrasion resistance. I've had a piece hanging on a post out by the garden in full sun for several years now. No evidence of breaking down.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, SOC #57, 6 Club #201, SMIRK #6275
Zombie #759, QRPp-I #115, COG #11, NETXQRP <http://www.netxqrp.org>

Date: Tue, 12 Mar 2002 16:22:03 -0800
From: "Ian Wilson" <ianmwilson@earthlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [121955] Re: Hum on DC receiver
Message-ID: <000601c1ca25\$1a1ea060\$0b02a8c0@0020115492>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Lots of people made helpful suggestions. I forgot to mention that I was running from a 9v battery, so
I don't have power leads bringing in hum, etc. Remaining tips:

1. Shield the local oscillator
I had the oscillator JFET & tuning elements in a can. Extended the can to cover the VFO buffers, etc.

Result: no detectable change.

2. Use RF chokes on various leads (for BC suppression, usually)

Added a ferrite bead to the input of the 386. (Need more beads).

Result: I think this helped slightly.

3. Use isolation transformer at antenna connection

I tried connecting the ground through a capacitor instead of directly.

(Will try transformer idea
next).

Result: I think this helped slightly.

4. I also remembered that DC detectors are susceptible to hum so I added
220uF/100 decoupling

at the collector of the PA/detector transistor.

Result: no detectable change.

I also tried using a very cheap & nasty set of phones instead of the more
hi-fi set that I'd been using.

Didn't clear the hum up though.

Still investigating .. thanks for all the suggestions! Additional ones also
welcomed :)

--ian k3imw/6

Date: Tue, 12 Mar 2002 19:41:10 -0500
From: John Harper AE5X <ae5x@qsl.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [121956] New QRP web site
Message-ID: <000501c1ca27\$c5a75e20\$6401a8c0@JOHN>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Actually just a new location for my original web site. Much faster
downloading than qsl.net pages (not noticed until I upgraded to a cable
modem):

<http://www.ae5x.com>

John Harper AE5X

Outdoor QRP & Lowband DXing: <http://www.ae5x.com>

Date: Tue, 12 Mar 2002 19:32:25 -0500
From: nilsbull@juno.com
To: QRP-L@lehigh.edu
Subject: [121957] TEA5551 SMD to 16SIP protoboarder
Message-ID: <20020312.193235.-428905.1.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

Remember that TEA5551 SMD AM receiver on a chip project that I dreamed up back before they adjusted my medication. Or my restraints. Sometimes they adjust my restraints and don't tell me. Anyway . . . one member of the clan (from whom I got a note that was deleted on the machine at work 'cause I was having email security problems & thus, whom I can't thank personal for this) recommended I check out

<http://www.jenmat.com/proto.htm>
and
<http://www.jenmat.com/boardpix.htm>

for a way to get around having to cobble something together so I can blow up a couple TEA5551 SMD ICs in this goofy "radio on a chip like I need another one with 15 radios in the room as it is, even after I sold two of 'em off so I could buy another one" project.

Then, Dave (N8DRM) at work recommended I ask Roger the next time I was in there. Which I was today to get some chip foam for to send the TDA1072As off to the two folks who wanted 'em, one of whom has my address & the other one ain't got it yet 'cause I ain't sent it to him yit.

So I did.

Roger has various sizes of "Surfboards" (#9164 works for the TEA5551s) that make 16 pin SIP adaptors for the project. So I bought one. Now I have to get really good and medicated up so I can solder the chip to the surfboard so I can blow it up. (Ain't this gonna be fun? Why, I might even have enough time to be a back up dancer for Britney Spears!)

Surfboards are made/sold by Capital Advanced Technologies, Carol Stream, IL USA & all that. Roger has a wide range of their stuff. They even have

a little plastic box of various boards so you can buy a bunch at once and blow everything up one at a time!

And no, I ain't got their URL. If they have one. Even.

But Roger's at Midwest Surplus Electronics, 501 West Main Street, Fairborn, OH 45324 Phone: 937-879-2250.

So there.

73

Nils

Nils R. Bull Young -- El Gringo Errante --
La Estancia de los Guajolotes Sonrientes -- W8IJN --
<http://w8ijn.tripod.com>
"The island is closer than your memories are." -- Ian G. Bull Young, 11
Feb 2002

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<http://dl.www.juno.com/get/web/>.

Date: Tue, 12 Mar 2002 18:43:36 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <qrp-1@Lehigh.EDU>
Subject: [121958] A Single Band 10M Rogers Dobbins Helical Conical, (Condo Cone) compact HF antenna
Message-ID: <042601c1ca28\$1c491a20\$4e100a0a@rohredt2000>

To save those reading the IEEE paper from burning questions, here are the complete details on a 10M ham antenna using this helical /conical principle: "at the AQRP meeting today, K5FX hit upon the best way to draw the antenna. You draw two circles, a little one inside the larger, represents the small cone end, and the large one the wide end and circumferential wire. The small circle is a PVC one inch tube in the 10M model. There, a coax connector mounts in the end of the tube. The center of coax goes to four no. 12 wires, that are each one conductor of parallel wire lines, ie the four enter the tube, join, and make up to the center of the coax jack. They are spaced 90 degrees from each other around the tube circumference.

Also at the small tube, the supports of one inch nylon web straps join around the tube held by radiator hose clamp. Also, the other side of each

parallel line, 4 each no. 10 wires, come up and will solder to a ground plane, or radials. The nylon straps carry the balanced lines along at constant spacing wire to wire and (larger space) line to line. NOTE: The parallel line element is edge onto the imaginary cone slant surface!

Now, from the small tube draw out a parallel wire transmission line, describing a spiral. It is like half a folded dipole element. Where its ends "fold", it terminates on the large diameter ring, with both sides shorted to that ring wire. There are four complete parallel wire transmission lines in the 10m model. They are evenly spaced around the cone. They are just over a half wave long, each one, at 10M.

The computer generated 3 D drawing of the paper, conceived some 2 years ago, was probably done that way before they got the simpler prototypes to work with fewer folded wires. It is really confusing, until you see the 10M model described above. They have 11 models done, some smaller diameter, some longer cone slant distance. Draw it first with one transmission line spiraling around to the big diameter from the smaller, and it should be more clear.

Each of the four parallel lines, (transmission lines) have the unequal conductors to do the up conversion of impedance, and they are each half wave long.

In the 10m model, each line is 16 and 1/4 feet long. There are 4 and 1/2 turns of each of the four transmission lines spiraling down the cone imaginary surface. However, this results in 34 turn pairs, (34 no. 10, 34 no 12, each no. 12 behind, (interior of the cone surface) to the no. 10.

What supports the wires and spaces them are the one inch wide nylon straps. The straps go from one inch pipe to the 16 inch pvc ring. They are just over 13 inches long, and are turned edge on the cone surface, (imaginary surface), and the hole for no. 10 is outboard of the no. 12 wire hole, the spacing is 3/8 inch between wire holes, but the weight of the no. 10 causes the web to fold and the EFFECTIVE spacing is 1/4 inch as the line winds down the cone.

The 10m model slant height is 12 inches, the tube in the middle is 16 inches, with about 14 being the height of the winding of the transmission lines (axial height of cone). The central tube sits atop a 3/4 inch pvc cross fitting, which has 3/4 inch spokes for the 16 inch ring, and those spokes glue to the ring inner ring surface. The ring is cut from large PVC pipe. It has quarter inch thick wall.

To summarize, you have a cone that is built around a 14 inch height of PVC tube plus PVC cross fitting. The nylon straps holding element wires, have a length of 12 inches from the one inch tube meeting point, down to top edge of a 16 inch ring cut from large pvc pipe. Thus, to lap over the one inch

pipe and be held by a hose clamp, and to lap over the side of the 16 inch diameter ring, the strap has to be about 13 inches or so. It is nylon bolted to large ring. In this compact volume structure, are spiraled four complete parallel transmission lines, each just over a half wave long at 10M.

They are effectively fed in parallel.

Where the folded end of each element meets the large ring, there is a shorting of both conductors to a circumferential ring.

The parallel lines are each made of unequal diameter wires, formed of one no. 10, and one no. 12.

the no. 10 is stranded, pvc insulated copper wire. The no. 12 is copper enamel wire.

OK, what we have managed to do is put half waves into a compact diameter relative to the wavelength, and a compact height. It is a very low visual profile antenna for antenna challenged locations.

They are operated over a 6 foot square ground screen or plane, or radials. At this time, elevated operation has not been attempted, but a double cone structure would solve the ground plane issue for elevated mounting, or one could use elevated radials.

Hope someone will try one. Obviously, you could scale this one to 12M or 6M, but we have no exact information for other ham bands yet. 10 have been built for non ham frequencies.

72,

Stuart K5KVH

Date: Tue, 12 Mar 2002 19:57:37 -0500
From: "Pastor-KC1DI" <elbc@pivot.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [121959] Web page updated
Message-ID: <007901c1ca2a\$12322d40\$4da7ba42@dor>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've just up dated my ham web page stop by and take a look if you have a chance

73 Dave KC1DI

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.333 / Virus Database: 187 - Release Date: 3/8/02

Date: Tue, 12 Mar 2002 20:35:51 -0500
From: "Pastor-KC1DI" <elbc@pivot.net>
To: <elbc@pivot.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [121960] Re: Web page updated
Message-ID: <001901c1ca2f\$861e7060\$60aaba42@dor>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry should have included the URL here it is:

<http://silverkelt.tripod.com/kc1di/>

----- Original Message -----

From: "Pastor-KC1DI" <elbc@pivot.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, March 12, 2002 7:57 PM
Subject: Web page updated

> I've just up dated my ham web page stop by and take a look if you have a
> chance

> 73 Dave KC1DI

>

>

>

> ---

> Outgoing mail is certified Virus Free.
> Checked by AVG anti-virus system (<http://www.grisoft.com>).
> Version: 6.0.333 / Virus Database: 187 - Release Date: 3/8/02
>
>

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.336 / Virus Database: 188 - Release Date: 3/11/02

Date: Tue, 12 Mar 2002 20:54:47 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <winjones@ix.netcom.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [121961] Re: Boots for my FT-817
Message-ID: <004301c1ca32\$0f82f220\$0600a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm not so sure it's cheaper to bring a QRP rig up to QRO than to go the other way.

But I AM sure that if you have a need for a QRP rig, AND for a QRO rig, and you can only have one. There are a LOT of times that the QRP rig as just a QRP rig is usually more important than having a QRO rig as just a QRO rig.

In fact, how many times is it really necessary to have a 'one piece' QRO rig? But if you were to be backpacking, a QRO rig cut back to QRP just wouldn't cut it most of the time.

And yes, there are times I'd like a 'bit more' with my K2. So I'd be interested in a small amp, something maybe 35-50W. On the other hand, I've found that I can get about 15W out of my K2 once I reset the current limit! So maybe I don't need that 35w...

Mike

----- Original Message -----
From: "Winston F. Jones" <winjones@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, March 12, 2002 6:35 PM
Subject: Re: Boots for my FT-817

> Karl,
> People gave me the same argument several years ago when I bought the Ten-Tec

> Argonaut 509 and companion 50 watt amp. My answer was that while I liked
> QRP, sometimes I wanted to run more power and make quick contacts,
> especially on SSB. And it was much cheaper to buy the QRP rig plus amp
combo
> than pay much more for a tube QRO rig. I had a solid state QRO combo for
> less than any other tube or hybrid rig around. Plus it was Ten-Tec. Who
> could ask for more?
> 73, Winston K4CWQ
> ----- Original Message -----
> From: "Karl F. Larsen" <k5di@zianet.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Monday, March 11, 2002 18:44 PM
> Subject: Re: Boots for my FT-817
>
>
> >
> > Well I didn't realize your a *true QRP ops". I am a impure QRP ops.
Every
> > Sunday at 0630 Mountain time I run 100 watts as the Net control for
the
> > New Mexico Breakfast Club.
> >
> > Every Tuesday and Thursday I chase the Fox with 5 watts. I enjoy
working
> > DX QRP and have done so a lot the past 20 years. But it appears that
in
> > your eyes Bill I can never qualify for a *true QRP ops*. Well to tell
you
> > the truth Bill I could not care less what you think of me.
> >
> > I'm building a 2N2/40 radio, have a Ten Tek Argonaut and a Yaseu
FT-817
> > all that are QRP rigs. I enjoy QRP things and participate in QRP
contests.
> >
> > But I guess I better quit and stop getting QRP-L and find that Henry
4k4
> > export only amp in the garage and join my other impure QRP friends
running
> > a large KW. Will need to re-run the 240 volt line to my ham shack...
> >
> > On Mon, 11 Mar 2002, Bill ROWLETT wrote:
> >
> > > Sun spot high, sun spot low, I find that 5 watts works
> > > just fine. Why buy a 5 or 10 watt rig when what you
> > > want is something more to start with. We true QRP ops
> > > will stay at 5 watts or less and will have fun and
> > > work DX too.

> > >
> > > 73 Bill kc4atu
> > >
> > > back to the cave
> > >
> > > -----
> > > Do You Yahoo!?
> > > Try FREE Yahoo! Mail - the world's greatest free email!
> > > <http://mail.yahoo.com/>
> > >
> >
> > --
> > Yours Truly,
> >
> > - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> > <http://www.zianet.com/k5di/>
> >
>
>

Date: Tue, 12 Mar 2002 21:25:57 -0500
From: Paul Womble <pwomble1@tampabay.rr.com>
To: QRP-L <qrp-l@Lehigh.EDU>, FP List <fpqrp-l@mpna.com>
Subject: [121962] Truffle- K4FB Log 8Mar02
Message-ID: <3C8EB8B5.A288BDBE@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

01:32 W5YR 559 TX GEORGE 5W
01:33 N9NE 559 WI TODD 5W
01:34 N8VAR 559 OH RON 5W
01:35 W5USJ 559 TX CHUCK 5W
01:35 W9HL 559 IL RANDY 5W
01:36 K5SR 559 TX DALE 5W
01:37 K3IU 599 RI KEN 5W
01:37 WV9N 559 OH RANDY 5W
01:38 K4BYF 559 FL JACK 5W
01:38 N1TP 559 FL TOM 5W
01:39 WA9TZE 559 WI JIM 5W
01:40 W5TB 559 TX DOC 5W
01:41 K0EVZ 559 ND DOC 5W
01:41 KR2F 559 NY VINNY 5W
01:42 K8KFJ 599 WV GARY 5W
01:43 WA8BXN 559 OH MIKE 5W

01:44 K8CV 559 MI WALT 5W
01:45 KD5KXF 559 TX MIKE 5W
01:46 G3NYY 559 G WALT 100W
01:47 W2XN 559 FL FRED 5W
01:48 N5VT 559 LA FRANK 5W
01:49 K5JHP 559 TX BILL 5W
01:49 K5DW 559 TX DON 5W
01:50 N5ZE 557 TX LEW 5W
01:51 WR50 559 TX DAVE 5W
01:51 K5LN 559 TX BILL 5W
01:52 K8DD 559 MI HANK 5W
01:53 AC5JH 559 OK TOM 5W
01:54 VE6KG 559 AB NORM 5W
01:55 KC9LC 559 VA RANDY 5W
01:55 KG4LDY 559 VA JIM 1W
01:56 K9UT 559 IN JERRY 5W
01:57 W8DIZ 599 OH DIZ 5W
01:58 WE9K 559 WI GLENN 5W
02:00 AG0T 559 ND TODD 3W
02:00 AF4PS 559 FL MAC 3W
02:00 K4FB 559 FL PAUL 5W

Date: Tue, 12 Mar 2002 18:36:28 -0800
From: lhlousek <lhlousek@nvbell.net>
To: Bruce Prior <n7rr@hotmail.com>, qrp-1@Lehigh.EDU
Subject: [121963] Re: Elecraft K1 Transceiver: A Lean, Mean CW Machine
Message-ID: <002a01c1ca37\$e0b42940\$650dfea9@nvbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=Windows-1252
Content-transfer-encoding: 7BIT

Hi Bruce,

There's no doubt that better batteries will be better for all portable operations. Cold fusion will be even better. HI! I guess the lithiums are a good option when cost is no object.

I have considered devising an internal charger for the K1's internal batteries. It wouldn't be too tough using one of the battery charger ICs available for the purpose. A thermal cutoff should be included in the pack to prevent possible battery overheating and subsequent leakage and damage to the radio. However, I've had no problems removing the batteries and charging them externally so lost interest in the internal charging idea. Instead, I built a power supply that uses an unregulated wallwart and houses the filter caps and regulator in a small

enclosure that rests inside the K1 where batteries normally reside. Works FB for hotel ops where AC is readily available.

I never did get the KBT2 for my K2. I've been looking into building a pack of ten 4000 mAh 4/3A NiMH cells for the K2. They would fit in the space available and be lighter than the 2.7 Ah battery now used.

Lou W7DZN

Date: Tue, 12 Mar 2002 21:37:13 -0500
From: "Larry Przyborowski" <k3peg@yahoo.com>
To: <tedkell@ev1.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [121964] Re: Cap Kits
Message-ID: <003301c1ca37\$fc2b6940\$6401a8c0@longh101.md.comcast.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Ted,
I store all of my small parts in plastic storage bins (like the RadioShack model #910-3618) for easy access. Sure, you can cut them free as you need them. It's your choice.
My eyesight isn't so great anymore, so I have to do things that make the selection and finding of parts easier for me.

73, Larry

> Uhhh..._Why_ would you want to do such a thing??
>
> N3Ted

Do You Yahoo!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Tue, 12 Mar 2002 21:40:52 +0000
From: Gary Lee <kb9zuv@arrl.net>

To: qrp-1@lehigh.edu
Subject: [121965] lazy hams etc.
Message-ID: <3.0.6.32.20020312214052.007c8e00@mailhost.ind.ameritech.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Please don't categorize all of us. Some use email because it makes more sense. I am totally blind, and there are no electronics texts or engineering references available in braille that I know of. Some are available on cassette tape, but ever try to search through a tape for a specific paragraph? Also, many times, although the readers have the best of intentions, pictures such as mechanical drawings and schematics are either omitted or poorly described. I am working diligently to learn from every source I can find. However, they are mighty scarce.

If anyone out there knows of good textual descriptions of popular circuits, and/or mathematics written in text (not using graphical images of symbols or equations), I'm all ears.

Also would like to talk with someone about building techniques. etched boards are probably out, but I used to wire wrap some when I summer interned in telephone repare. Again, I'm all ears.

So, again, some of us are trying, just don't have the correct resources.

Please don't take this as a flame, just a different viewpoint some may not have considered.

Finally, thanks for the help I have already received from members of this list. Going to try some of it when the weather warms up and my elmer can climb the tower for me.

Gary Lee
kb9zuv

Date: Tue, 12 Mar 2002 21:46:46 -0500
From: Chuck Ludinsky <cjl@mitre.org>
To: neqrp@jonal.net, qrp-1@lehigh.edu
Subject: [121966] NEQRP CW Net, 14 March 02, 8:30 PM EST, 3.565 MHz
Message-ID: <3C8EBD96.8020500@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

The New England QRP Club's WQ1RP CW net meets again Thursday night, 14 March 2002, at 8:30 PM EST (0130Z, 15 Mar 02) on or near 3.565 MHz. Net control operator for this week's session will be John, WB1HBE, operating from Chelmsford, MA.

Last week's net op was John, K1RC, from Dracut, MA. John's report:

"Here is the QNI list from the net.

1.	K1LGQ	Dennis	Brookline NH	599+
2.	WB1HBE	John	Chelmsford, MA	599+
3.	W5TEH	Lee	Newport RI	579
4.	N1VS	Vince	Winsted, CT	599
5.	K1CL	Chuck	Chelmsford, MA.	599+
6.	W1KRT	Ken	Springfield, MA	599
7.	VE3FAL	Fred	Thunder Bay, ON	559/QSB
8.	AA1MY	Seab	Bethel, ME	599
9.	K1RC	John	Dracut, MA	Net Ctrl

All check-ins had good signals, I was fighting an intermittent S-9 noise level and missed some station info.

Thanks to everyone for QNI and all listeners who considered the net interesting enough to drop by for a while.

72,
John K1RC"

Stop by for Thursday's net and say hello to both Johns, as well as everyone else on the NEQRP CW net.

72 DE K1CL,
Chuck.

Date: Tue, 12 Mar 2002 20:52:51 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: w8diz <w8diz@fpqrp.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [121967] Re: Ladder Line Construction
Message-ID: <Pine.LNX.4.33.0203122052060.24988-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'll give you some of mine Diz!....hihihi...are you the source for toroids?...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Tue, 12 Mar 2002 20:01:01 -0700
From: "Dave WR50" <dendav@dzdn.com>
To: "QRPL" <qrp-l@lehigh.edu>, "Flying Pigs" <fpqrp-l@mpna.com>
Subject: [121968] [FOX] KD5KXF begging for Q's
Message-ID: <000501c1ca3b\$50026520\$7a6357d1@dwinfield>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

He's on 7.045.75 and just calling CQ...

He WILL slow down for you, so go get 'im!

72/73 es oo,

Dave Winfield, WR50
El Paso, Texas DM61ts
<http://www.qsl.net/wr5o>

FP# -109, SOC #371, ARS #996, Zombie #793, QRPP #328

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.332 / Virus Database: 186 - Release Date: 3/6/02

Date: Tue, 12 Mar 2002 22:01:42 -0500
From: Paul Womble <pwomble1@tampabay.rr.com>
To: FP List <fpqrp-l@mpna.com>, QRP-L <qrp-l@Lehigh.EDU>

Subject: [121969] Cub Fox: Go Get Him
Message-ID: <3C8EC116.D5BA3E8E@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike KD5KXF is on 7045.8 with a great signal. He's listening up near 7046.5.

Not many callers...so this is your last opportunity for a pelt this season.

I got mine...did you?

Paul K4FB

Date: Tue, 12 Mar 2002 21:09:40 -0600
From: "N1LN" <n1ln@earthlink.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Cc: "Paul - W5PF" <w5pf@ev1.net>, "Mike -" <mmalone@worldlogon.com>, "AF5Z - Bob" <af5z@arrl.net>, "Bill - K5LN" <K5ln@aol.com>,
Subject: [121970] Pesky Texan Armadillo Chase (Update March 12 - evening)
Message-ID: <010601c1ca3c\$8766e300\$89a0fea9@im02>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

23 hours until the:

PESKY TEXAN ARMADILLO CHASE"

UPDATED INFO:

1. Increase in frequency limit:
 - > 7.025 - 7.100
 - > look for us anywhere between these frequencies

Date: March 13, 2002 - Tomorrow
Day: Wednesday
Time: 20:00 CST - 22:00 CST
Freq: 7.025 - 7.100 (approximate)

Power: Armadillos = 5 w

Hounds = 'your choice' - (but to qualify for the certificate
no more than 5w)

Exchange: <Call><RST><State><Name><Power><Call> BK

note: Call = the Hound's call

The Armadillos will call: CQ ARM CQ ARM

As of now we will have 20 Armadillos -

Armadillo Roster:

1. W5USJ (Chuck)
2. K10J (OJ)
3. NM5M (Eric)
4. W5HNS (Henry)
5. K5NZ (Mike)
6. N5BE (Danny)
7. W5YR (George)
8. W5MJ (Madison)
9. N3ET (Bob)
10. AF5Z (Bob)
11. N5TU (Earl)
12. N1LN (Bruce)
13. K5ZTY (Bill)
14. KQ5U (Terry)
15. WF5W (Cal)
16. K5LN (Bill)
17. W5SB (Bill)
18. KK5LD (Dan)
19. W5PF (Paul)
20. KD5KXF (Mike)

Sponsored by:

NARS - Northwest Amateur Radio Society of Houston, Texas.
<http://www.w5nc.org/>

and

Team Cramp Contest Club <http://www.teamcramp.com>

Coordinator: N1LN - Bruce n1ln@arrl.net

Pesky Texan Web Site: <http://www.k5vuu.com/ptac>

> logs will be posted here and on QRP-L after the event

RULES:

The Hounds, running 5w or less, that work all Pesky Texan Armadillos qualify for the official WORKED ALL PESKY TEXAN ARMADILLOS certificate. If actual Armadillo count is less than 20 - a sweep will be "worked all Armadillos actually on the air" !!

If you want a certificate - send \$ 1.00 and a copy of your log to my CBA (call book address).

Bruce Meier - N1LN
15283 Runnymede St.
Conroe, TX 77384

First and Second place HOUNDS will win an official TEAM CRAMP CONTEST CLUB <http://www.teamcramp.com> tee shirt donated by K5NZ - Mike - one of the Armadillos. The first and second place Hounds will be decided by the earliest completion time for the final QSO with all 20 Armadillos. The times will be verified by the Armadillo logs.

Armadillo Scoring:

The Armadillos are trying to work as many Hounds as possible - and their scores will be calculated based on the following - - - - -

- > 1 point / QSO for Q's with Hounds running 3w or more
- > 3 points / QSO for Q's with Hounds running 1 - 2 watts
- > 5 points / QSO for Q's with Hounds running less than 1 watt
- > 10 points / QSO for DX Hounds (excluding Canada)

- > First QSO with a new state / province / DX country = multiplier

SCORE: (QSO Points) x Multipliers = Total Score

The ARMADILLO with the highest score will win the Pesky Texas Armadillo Chase plaque. 2nd and 3rd Place Certificates will also be awarded.

PLEASE NOTE THE FOLLOWING - Armadillos don't work other Armadillos for points. QSOs with other official 'Pesky' Armadillos don't qualify for points.

If you have any questions - send me an email -

n1ln@arrl.net

72 - and hope to work you tomorrow ! ! !

Bruce - N1LN

Date: Tue, 12 Mar 2002 22:19:35 -0500
From: Pete Burbank <plburbank@kih.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [121971] Re: Boiling Spreaders in Parafin
Message-ID: <5.0.2.1.0.20020312221131.00ac14c0@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 04:21 PM 3/12/2002 -0600, George Franklin wrote:

>Hello Karl & All,

>

>I suspect the demise of the practice of parafin boiling of spreaders can
>be traced back to the injuries inflicted on hams by XYL's after said hams
>caused huge messes on the kitchen stove. In a few cases, visits by the
>fire department were a factor.

>

>Some of these hams of the "parafin boiling" era also suffered indignities
>resulting from attempts to make black crackle paint crackle in XYL's
>ovens.

>

>FWIW.
>
>72/73/74 de George/W0AV
>Hamming since '35
>SOC#101, COG#1, PITA (# TBA)

Yes George I got in trouble for the panel in the oven too! The other one was the Drano etch in the family bath tub. I suspect my parents were happy to see me leave for the Navy. Not to mention the motorcycle over haul in the Rec room.:-)
73 Pete NV4V

Date: Tue, 12 Mar 2002 21:19:55 -0600
From: "WA5PB" <wa5pb@yahoo.com>
To: "Paul Womble" <pwomble1@tampabay.rr.com>,
"FP List" <fpqrp-1@mpna.com>, "QRP-L" <qrp-1@Lehigh.EDU>
Subject: [121972] Re: [fpqrp] Cub Fox: Go Get Him
Message-ID: <002701c1ca3d\$f4659b80\$61bac1d0@ourtown.com>

I bagged him too! First try! 1 watt :-D

72 es 00
Bill Allen, WA5PB

WA5PB home page
<http://www.pbpage.org/bill/>
FISTS #7332 -- FPqrp #337
10-10 #71178 -- K2 #1068
QRP-L #2357 -- SOC #469
QRPARCI #10983
Flying Pigs QRP Club Int., W8PIG - where 00 does not mean "Official Observer"
<http://www.fpqrp.com>

----- Original Message -----
From: "Paul Womble" <pwomble1@tampabay.rr.com>
To: "FP List" <fpqrp-1@mpna.com>; "QRP-L" <qrp-1@Lehigh.EDU>
Sent: Tuesday, March 12, 2002 21:01 PM
Subject: [fpqrp] Cub Fox: Go Get Him

Mike KD5KXF is on 7045.8 with a great signal. He's listening up near

7046.5.

Not many callers....so this is your last opportunity for a pelt this season.

I got mine...did you?

Paul K4FB

-To unsubscribe, mail to majordomo@fpqrp.com, msg: unsubscribe fpqrp-l -

Do You Yahoo!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Tue, 12 Mar 2002 22:51:06 -0500
From: "hhooker" <hhooker@email.msn.com>
To: "hhooker" <hhooker@msn.com>, <dendav@dzdn.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [121973] Re: [FOX] KD5KXF begging for Q's
Message-ID: <002301c1ca42\$4e9a6c80\$931bd343@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "hhooker" <hhooker@msn.com>
To: <dendav@dzdn.com>; "Low Power Amateur Radio Discussion"
<qrp-l@Lehigh.EDU>
Sent: Tuesday, March 12, 2002 10:37 PM
Subject: Re: [FOX] KD5KXF begging for Q's

> Tnx Dave for the posting.

>

> I got him after your posting.

>

> 72, Harry W8YMO

>

> ----- Original Message -----

> From: "Dave WR50" <dendav@dzdn.com>

> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Tuesday, March 12, 2002 10:01 PM
> Subject: [FOX] KD5KXF begging for Q's
>
>
> > He's on 7.045.75 and just calling CQ...
> >
> > He WILL slow down for you, so go get 'im!
> >
> >
> > 72/73 es oo,
> >
> > Dave Winfield, WR50
> > El Paso, Texas DM61ts
> > <http://www.qsl.net/wr50>
> >
> > FP# -109, SOC #371, ARS #996, Zombie #793, QRPP #328
> >
> >
> > ---
> > Outgoing mail is certified Virus Free.
> > Checked by AVG anti-virus system (<http://www.grisoft.com>).
> > Version: 6.0.332 / Virus Database: 186 - Release Date: 3/6/02
> >
> >
> >
>

Date: Tue, 12 Mar 2002 23:23:04 -0500
From: John Wagner <john@wagner-usa.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [121974] Re: Pesky Texan Armadillo Chase (Update March 12 - evening)
Message-ID: <B8B43E57.A32%john@wagner-usa.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

I think it would be great if some of the South Western QRP'ers would post some of their favorite Armadillo recipes - cause I'm planning to bag me a bunch of 'em tomorrow with my 2n2-40!

Thanks for putting on this hunt, can't wait!

73,

John, N1Q0

```
> From: "N1LN" <n1ln@earthlink.net>
> Reply-To: n1ln@earthlink.net
> Date: Tue, 12 Mar 2002 21:09:40 -0600
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Subject: Pesky Texan Armadillo Chase (Update March 12 - evening)
>
> 23 hours until the:
>
> PESKY TEXAN ARMADILLO CHASE"
>
>
> UPDATED INFO:
>
> 1. Increase in frequency limit:
>
>> 7.025 - 7.100
>> look for us anywhere between these frequencies
>
>
> Date: March 13, 2002 - Tomorrow
> Day: Wednesday
> Time: 20:00 CST - 22:00 CST
> Freq: 7.025 - 7.100 (approximate)
> Power: Armadillos = 5 w
> Hounds = 'your choice' - ( but to qualify for the certificate
> no more than 5w )
> Exchange: <Call><RST><State><Name><Power><Call> BK
>
> note: Call = the Hound's call
>
> The Armadillos will call: CQ ARM CQ ARM
>
> As of now we will have 20 Armadillos -
>
> Armadillo Roster:
>
> 1. W5USJ (Chuck)
> 2. K10J (OJ)
> 3. NM5M (Eric)
> 4. W5HNS (Henry)
> 5. K5NZ (Mike)
> 6. N5BE (Danny)
> 7. W5YR (George)
> 8. W5MJ (Madison)
> 9. N3ET (Bob)
```

> 10. AF5Z (Bob)
> 11. N5TU (Earl)
> 12. N1LN (Bruce)
> 13. K5ZTY (Bill)
> 14. KQ5U (Terry)
> 15. WF5W (Cal)
> 16. K5LN (Bill)
> 17. W5SB (Bill)
> 18. KK5LD (Dan)
> 19. W5PF (Paul)
> 20. KD5KXF (Mike)
>
>
> Sponsored by:
>
> NARS - Northwest Amateur Radio Society of Houston, Texas.
> <http://www.w5nc.org/>
>
> and
>
> Team Cramp Contest Club <http://www.teamcramp.com>
>
> Coordinator: N1LN - Bruce n1ln@arrl.net
>
> Pesky Texan Web Site: <http://www.k5vuu.com/ptac>
>
>> logs will be posted here and on QRP-L after the event
>
>
> RULES:
>
> The Hounds, running 5w or less, that work all Pesky Texan Armadillos
> qualify for the official WORKED ALL PESKY TEXAN ARMADILLOS
> certificate. If actual Armadillo count is less than 20 - a sweep will
> will be "worked all Armadillos actually on the air" !!
>
> If you want a certificate - send \$ 1.00 and a copy of your log to
> my CBA (call book address).
>
> Bruce Meier - N1LN
> 15283 Runnymede St.
> Conroe, TX 77384
>
> First and Second place HOUNDS will win an official TEAM CRAMP
> CONTEST CLUB <http://www.teamcramp.com> tee shirt donated by
> K5NZ - Mike - one of the Armadillos. The first and second place Hounds
> will be decided by the earliest completion time for the final QSO with
> all 20 Armadillos. The times will be verified by the Armadillo logs.

```
>
>
> Armadillo Scoring:
>
> The Armadillos are trying to work as many Hounds as possible - and their
> scores will be calculated based on the following - - - - -
>
>> 1 point / QSO for Q's with Hounds running 3w or more
>> 3 points / QSO for Q's with Hounds running 1 - 2 watts
>> 5 points / QSO for Q's with Hounds running less than 1 watt
>> 10 points / QSO for DX Hounds (excluding Canada)
>
>> First QSO with a new state / province / DX country = multiplier
>
> SCORE: (QSO Points) x Multipliers = Total Score
>
> The ARMADILLO with the highest score will win the Pesky Texas Armadillo
> Chase plaque. 2nd and 3rd Place Certificates will also be awarded.
>
> PLEASE NOTE THE FOLLOWING - Armadillos don't work other Armadillos for
> points. QSOs with other official 'Pesky' Armadillos don't qualify for
> points.
>
> If you have any questions - send me an email -
>
> n1ln@arrl.net
>
> 72 - and hope to work you tomorrow ! ! !
>
> Bruce - N1LN
>
>
>
>
>
>
>
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>
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>

Date: Tue, 12 Mar 2002 21:34:03 -0700
From: "Dave Ek" <ekdave@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [121975] RE: Trade WM-20 board (assembled) for ???
Message-ID: <003601c1ca48\$4ef4b2c0\$0100a8c0@oldman>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

Thanks for all the interest. It appears I've struck a deal for the WM-20 board. I was surprised at all the offers I received. Time to go see what else I have around here I can trade... ;-)

73 de Dave NK0E

Date: Tue, 12 Mar 2002 23:26:19 -0600
From: "KD5NWA" <KD5NWA@mbayona.com>
To: "QRL-L" <qrp-l@Lehigh.EDU>, "Phil & Patti" <pcuellar@bright.net>
Subject: [121976] Re: [TenTec] Re: Orion & software upgrades scenario
Message-ID: <00b501c1ca4f\$9c5b49a0\$0100a8c0@seglio>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

USB and Ethernet ports are very noisy electrically, I'm not sure you would want one of them inside a sensitive receiver.

Cecil
KD5NWA

----- Original Message -----
From: "Phil & Patti" <pcuellar@bright.net>

To: <tentec@contesting.com>
Sent: Tuesday, March 12, 2002 10:56 PM
Subject: Re: [TenTec] Re: Orion & software upgrades scenario

>
> ><SNIP>
> >Unfortunately it looks as though whatever computer
> >control capability there may be in the Orion will be
> >limited to what can be done over a RS232 connection
> >(based on the Orion back panel pix). If so, a major
> >missed opportunity to significantly raise the bar for
> >computer integration capability, we'll just have to
> >wait and see.
> >
> >Duane
> >N9DG
>
> I'm far from being a computer expert, but wouldn't it be better to have a
> USB port rather than RS232? I thought RS232 was going the way of the
> dinosaur and the 4 pin mic plug...errr...never mind...
>
> 73,
> Phil - KI8JQ
>
>
>
> --- StripMime Report -- processed MIME parts ---
> multipart/mixed
> text/plain (text body -- kept)
> ---
> -----
> TenTec mailing list
> Tentec@contesting.com
> <http://lists.contesting.com/mailman/listinfo/tentec>

Date: Wed, 13 Mar 2002 04:54:25 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-l@lehigh.edu, George Baker <w5yr@att.net>,
Lew Paceley <lew@paceley.com>,
Subject: [121977] NETXQRP Club Meeting 16 Mar '02
Message-ID: <3.0.2.32.20020313045425.00846b50@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRPLers,

The next meeting of the NETXQRP Club will be held this coming Saturday.
Interested folks are invited to attend.

Saturday
March 16, 2002
1:00 to 3:00 PM (or so)

John Y Miguel's Cafe (Tex/Mex & 'merican)
104 State Highway 205
Terrell, TX
Phone: (972) 524-1447

Directions:
Miguel's is on the west side of Terrell. It is on 205 north, near the intersection of I-80, 205, and 148. 205 goes north from I-80 toward Rockwall and 148 goes south back across I-20. Go north on 205 about 1/4 mile and it's on the right. Big place, hard to miss. It's just past a Kuick Kar lube-and-tune place and across the road is a Walmart plaza.

If you have a favorite QRP something you'd like to bring along, please do. Weather permitting we may try some portable operation either behind the restaurant or at a local park in Terrell. Bring an item for the "Door Prize" drawing and come join the fun!

For more NETXQRP Club info check our website: <http://www.netxqrp.org/>

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, SOC #57, 6 Club #201, SMIRK #6275
Zombie #759, QRPp-I #115, COG #11, NETXQRP <http://www.netxqrp.org>

Date: Wed, 13 Mar 2002 05:47:48 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: John Harper AE5X <ae5x@qsl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [121978] Re: New QRP web site
Message-ID: <Pine.LNX.4.33.0203130545130.1774-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Yes for most users and we most use a 56k modem running at 26kbps, a slow web page goes un-noticed. I am amazed that d/l from Europe are as fast as those from in town. It's just that my system is slow.

But I'm old and everything is slower...:-)

On Tue, 12 Mar 2002, John Harper AE5X wrote:

> Actually just a new location for my original web site. Much faster
> downloading than qsl.net pages (not noticed until I upgraded to a cable
> modem):
> <http://www.ae5x.com>
>
> John Harper AE5X
> Outdoor QRP & Lowband DXing: <http://www.ae5x.com>
>
>
>
>
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Wed, 13 Mar 2002 08:05:08 -0500
From: "Steve Blary" <steve@eclipsecat.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [121979] White Mountain Series SSB Transceivers
Message-ID: <PPEIIGOHKOAKJAPHAODHGEMJDDAA.steve@eclipsecat.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello everyone,

I'd like to build a 20 meter SSB rig and was wondering about the White Mountain Series SSB Transceivers at Dave Benson's site

http://smallwonderlabs.com/swl_wms.htm

If any one has experience constructing and operating this rig, please forward your comments.

Comments on other SSB kits are welcome as well.

Thanks and 73's
Steve Blary, KD4LIV

Date: Wed, 13 Mar 2002 08:48:19 EST
From: N4SKS@cs.com
To: qrp-1@lehigh.edu
Subject: [121980] Crystals for trade
Message-ID: <89.14d9abd8.29c0b2a3@cs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have the following crystals I would like to trade. I need a couple of 30 meter crystals and will trade all 5 of these for them. Thank You

hc-25..... 7.040
hc-6 3.590 , 3.698.3 , 3.791.6 , 14.218.3

Les K4NK

Date: Wed, 13 Mar 2002 09:15:06 -0500
From: Ed Lawson <elawson@lawson-philpot.com>
To: qrp-1@Lehigh.EDU
Subject: [121981] Atlanticon
Message-ID: <3C8F5EEA.6070407@lawson-philpot.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Does anyone know how easy it would be to get from the Baltimore Amtrak train station to the motel in which Atlanticon is held? Such as distance, cab fare, etc.?

Also, will Elecraft be there with kits, etc.?

TIA

Ed Lawson

Date: Wed, 13 Mar 2002 09:13:49 EST
From: N4SKS@cs.com
To: qrp-1@lehigh.edu
Subject: [121982] crystals for trade #2
Message-ID: <d3.7fd4be9.29c0b89d@cs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have some additional crystals for trade. These are FT-243 type . I need one or two crystals for 20 meters such as 14.060 or lower prefer hc-25 small ones
FT-243 type...7.156 , 7.162, 7.196, 7.280 , 14.104.4
All five for one or two 20 meter crystals Thank You

Les K4NK

Date: Wed, 13 Mar 2002 09:12:54 -0500
From: Ed Kessler <edkess@pa.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [121983] A Few Items For Sale
Message-ID: <5.0.2.1.0.20020313085537.009ffb00@mail.pa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello,

I have a few items that are excess to my needs that may be useful in your shack.

Power Supplies:

Samlex 1223, 13.8V/23A switching supply. Very small and in like new condition. \$70 plus shipping.

Micronta/Radio Shack, 13.8V/2.5A supply. About an 8 cosmetically. No dings or major scratches but the front panel has a few scuffs. Reliable, inexpensive supply. \$20 plus shipping.

Heathkit HWA-7-1, Matching supply for the HW7. Excellent condition inside and out. \$30 plus shipping.

Tuner:

Ten Tec Model 228 Antenna Tuner. Excellent condition with the exception of a repaired scratch on the right side of the enclosure. Rated at 200 watts. \$100 plus shipping.

Best offers considered.

73, Have a nice day,

Ed AA3SJ

Ed Kessler
950 Woodside Station Road
Millersburg, PA 17061

Date: Wed, 13 Mar 2002 07:44:55 -0700
From: Majority Mike Capt 56 TRS/IP <mike.majority@luke.af.mil>
To: QRP Reflector <qrp-1@Lehigh.EDU>
Subject: [121984] FW: WARNING: Potential Major Solar Flare Warning - 12 March
Message-ID: <0E40283AC63B084C93998F599C1217688B19C7@FSNUEX06.luke.af.mil>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Possible big flare on the way..

> [Original Message]
> From: STD Listserver <listserver@solar.spacew.com>
> To: <n4vbw@earthlink.net>
> Date: 3/12/2002 12:05:05 AM
> Subject: WARNING: Potential Major Solar Flare Warning - 12 March
>
> /\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\

POTENTIAL MAJOR SOLAR FLARE WARNING

ISSUED: 07:00 UTC, 12 MARCH 2002

> /\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\

> SYNOPSIS:
>
> Active sunspot region 9866 (S08E47) has rotated into view well enough
> better quantify the magnetic properties of the group with respect to flare
> potential. It has been determined that this sunspot complex may possess
the

> ability to generate a major solar flare over the next several days. The group
> has already produced several energetic minor M-class events. The spot complex
> contains moderate magnetic gradients and isolated regions of strong magnetic
> shear contained within a beta-gamma-delta magnetic configuration. Should
> additional growth occur in this spot complex, stronger solar flare activity
> (potential X-class activity) could materialize.
>
> At the present time, minor to major M-class flares of long duration
> appear to be most probable.
>
>
> /\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\

--- Mike Majority
--- n4vbw@earthlink.net
--- Ea

Date: Wed, 13 Mar 2002 10:17:18 -0500
From: "John P. Cummins, Sr." <jpcummins@charter.net>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [121985] Bat handled toggle switch
Message-ID: <3C8F6D7E.1F93EF82@charter.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Someone was looking for a old fashioned bat handled toggle switch.

I have a DP on/off switch that came out of a Korean War era radar that you are welcome to.

Pickett, AD4S

Date: Wed, 13 Mar 2002 10:41:03 -0500
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [121986] Hearing the ocean on my radio
Message-ID: <3C8F730F.CE2B1D45@amsat.org>
MIME-version: 1.0

Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi there,

I was working PSK31 this past weekend on 10 meters and noticed that the background noise was changing rapidly. I don't mean PSK31 signal. It sounded like the waves rolling in at the beach. This is probably a dumb question, but is this due to propagation changes or could it be that the AGC is reacting to some signal that's outside the audio passband?

I noticed the same thing on 20 meter, but the changes in noise level were much less rapid.

Thanks,
--Alex

Date: Wed, 13 Mar 2002 23:00:14 +0700
From: "Donny Sirait" <dsirait@centrin.net.id>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [121987] How to find a match pair transistor the practical way
Message-ID: <001c01c1caa8\$2eb031a0\$8df292ca@donnysirait>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dear Elmers,
When I want to buy a match pair of transistor but could not find an available selected one,
How could I determine that the transistors are match pairs? the most practical and easiest way?? Cause the shop keeper will not waste a lot of time serving me finding one match pair hi hi.

Sorry for this dumb question hi hi.

vy 72 de YB1B0D
Donny

Date: Wed, 13 Mar 2002 11:22:25 -0800
From: "Glen Leinweber" <leinwebe@mcmail.cis.mcmaster.ca>
To: <dsirait@centrin.net.id>
Cc: "qrp-1" <qrp-1@lehigh.edu>

Subject: [121988] Re: How to find a match pair transistor the practical way
Message-ID: <000401c1cac4\$68860960\$07ea7182@mcmaster.ca>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Donny,

 If they're straight from the manufacturer, getting transistors made in the same batch is a good start, if you can't actually measure them. Some used to have batch numbers on them, but most don't.

 Other than that, you'd have to go in with a "hfe" tester, and plug each one in. HFE (current gain) is the most likely parameter you'd want to match.

Else, find a transistor array, like the CA3086, CA3045, CA3046. These contain about five well-matched general purpose NPN transistors.

Date: Wed, 13 Mar 2002 12:27:38 -0500
From: Gary Lee <kb9zuv@arrl.net>
To: qrp-l@lehigh.edu
Subject: [121989] rg-316 cable
Message-ID: <3.0.6.32.20020313122738.007973d0@mailhost.ind.ameritech.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

This is to Jake or others with info.

I screwed up and deleted the wrong message. Anyone have the contact info for that rg-316 cable? Remember, six miles of the stuff.

TIA.

Gary Lee
Ball State University
765-285-1310

Date: Wed, 13 Mar 2002 12:58:37 -0500
From: Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>

To: qrp-1@Lehigh.EDU
Subject: [121990] Making your own LadderLine
Message-ID: <p05100308b8b5437eaf97@[132.235.81.75]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Hi all,

I've come up with a simple way to make your own ladder line
which is very durable and easy to do. Check out the page at:

<http://oak.cats.ohiou.edu/~weinfurt/LL.htm>

73 de NS80

--

Greg Weinfurtnr <><
PC Support Specialist
Gordy Hall Room 017B
Modern Language Dept.
Ohio University Athens

GO BOBCATS!

1-740-593-0478
gweinfurt1@ohiou.edu

Date: Wed, 13 Mar 2002 13:09:21 -0500
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>,
"NoVaQRP" <NoVaQRP@topica.com>
Subject: [121991] 10 and 15m open to Africa from VA
Message-ID: <GCECIJFJPOHMCKACOA0BEEDCDKAA.jakecart@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

10 and 15m have been open to Africa from VA -- worked 5H3RK yesterday, D44TA
and V51AS today. I've worked Frank, V51AS, three times this week -- wish I
could get him on 40m :-)

Jake - N4UY
Vienna, VA
(Wash DC suburbs)

Date: Wed, 13 Mar 2002 13:12:44 -0500
From: "Brian" <brian@iquest.net>
To: <kb9zuv@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [121992] Re: rg-316 cable
Message-ID: <002a01c1caba\$ac4eae90\$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

n3jli@comcast.net

He has it \$4.00 for 20 feet, shipped in the US.

See <http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1712082089>

----- Original Message -----

From: "Gary Lee" <kb9zuv@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, March 13, 2002 12:27 PM
Subject: rg-316 cable

> This is to Jake or others with info.
>
> I screwed up and deleted the wrong message. Anyone have the contact info
> for that rg-316 cable? Remember, six miles of the stuff.
>
> TIA.
>
>
> Gary Lee
> Ball State University
> 765-285-1310
>
>

Date: Wed, 13 Mar 2002 11:13:29 -0800
From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
To: elecraft@mailman.qth.net, QRP-L <qrp-l@lehigh.edu>
Subject: [121993] Pre wound toroids offered for K1, K2 and accessories

Message-ID: <3C8FA4D9.F9AE3F39@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For those of you who don't have the time to wind toroids, Mychael Morohovich - AA3WF, an independent contractor, is offering this service directly to Elecraft customers. His work has been evaluated by Gary in our support group and found to be to Elecraft standards. He accepts payment via PayPal and regular mail. For your convenience we've added his order form to our web site.

See:
http://www.elecraft.com/Apps/ToroidGuy/toroidguy_prewound_toroids.htm

73, Eric WA6HHQ
<http://www.elecraft.com>

Date: Wed, 13 Mar 2002 14:07:15 -0500
From: Pete Burbank <plburbank@kih.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [121994] Re: Hearing the ocean on my radio
Message-ID: <5.0.2.1.0.20020313135500.025f3e00@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:41 AM 3/13/2002 -0500, Alex wrote:

>Hi there,
>
>I was working PSK31 this past weekend on 10 meters and noticed that the
>background noise was changing rapidly. I don't mean PSK31 signal. It
>sounded like the waves rolling in at the beach. This is probably a dumb
>question, but is this due to propagation changes or could it be that the
>AGC is reacting to some signal that's outside the audio passband?
>
>I noticed the same thing on 20 meter, but the changes in noise level
>were much less rapid.
>
>Thanks,
>--Alex

Alex and gang,
At one time when 30 Meters was first allowed I had a sked with a guy in Florida.
We both used to hear it quite often. At that time the sunspot numbers were low.
Yes it sounds like surf and surely a propagation event. BTW not a dumb question!

73

Pete NV4V

Date: Wed, 13 Mar 2002 11:17:57 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: elecraft@mailman.qth.net
Cc: QRP-L <qrp-l@lehigh.edu>,
"toroidguy@bigfoot.com" <toroidguy@bigfoot.com>
Subject: [121995] Re: [Elecraft] Pre wound toroids offered for K1, K2 and accessories
Message-ID: <3C8FA5E5.1030104@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Looks like a good deal, Eric. It would seem especially appealing with doing the entire base K2.

One thing I could not find: Do they arrive with the leads stripped (and/or pre-tinned) or not?

73, Phil

Eric Swartz WA6HHQ - Elecraft wrote:

>For those of you who don't have the time to wind toroids, Mychael Morohovich -
>AA3WF, an independent contractor, is offering this service directly to Elecraft
>customers. His work has been evaluated by Gary in our support group and found to
>be to Elecraft standards. He accepts payment via PayPal and regular mail. For
>your convenience we've added his order form to our web site.

>

>See:

>http://www.elecraft.com/Apps/ToroidGuy/toroidguy_prewound_toroids.htm

>

>73, Eric WA6HHQ

><http://www.elecraft.com>

>

>-----
>Elecraft mailing list: Elecraft@mailman.qth.net

>You must be a list member to post to the list.

>Postings must be plain text (no HTML or attachments).

>See: <http://mailman.qth.net/mailman/listinfo/elecraft>

>Elecraft Web Page: <http://www.elecraft.com>

>

Date: Wed, 13 Mar 2002 13:18:07 -0600
From: MIKE SOUHRADA <wb9iog@revealed.net>
To: weinfurt@oak.cats.ohiou.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [121996] Re: Making your own LadderLine
Message-ID: <3C8FA5EF.932D8C37@revealed.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greg Weinfurtner wrote:

>

make your own ladder line

Now that's really a clever idea! Go see it FS [for sure].

What Greg didn't say is he also has an interesting HB sandblaster on his web site - I backed into it. Been doing mine outside and it's a real nuisance that way.

Mike
Iowa

Date: Wed, 13 Mar 2002 14:22:43 EST
From: N4SKS@cs.com
To: qrp-1@lehigh.edu
Subject: [121997] rf connectors FS
Message-ID: <7e.24343a06.29c10103@cs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In my clean out /sell out before I move out sale , I have found boxes full of RF connectors and adaptors. To test the waters I would like to offer a lot of five (5) new sealed packages of N type connectors for you vhf/uhfers . these are males and designed for the smaller rg-58 style cable . either double or single shielding.

all five connectors for \$13.00 shipped conus.

now if you price these things you can pay as much as \$10 each.

73 Les K4NK

Date: Wed, 13 Mar 2002 11:28:13 -0800
From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
To: Phil Wheeler <w7ox@earthlink.net>
Cc: elecraft@mailman.qth.net, QRP-L <qrp-l@lehigh.edu>
Subject: [121998] Re: [Elecraft] Pre wound toroids offered for K1, K2 and accessories
Message-ID: <3C8FA84D.1B1EC6F4@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I believe so. Ask Mychael to confirm. (toroidguy@bigfoot.com)

73, Eric WA6HHQ

Phil Wheeler wrote:

> One thing I could not find: Do they arrive with the leads stripped
> (and/or pre-tinned) or not?

Date: Wed, 13 Mar 2002 14:59:21 -0500
From: "Rex Harper" <w1rex@megalink.net>
To: <qrp-l@lehigh.edu>
Subject: [121999] HB: What are the most popular surface mount IC's?
Message-ID: <00ac01c1cac9\$91044d20\$6f01a8c0@desk1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello QRP gangue,

I was just wondering: "What the most popular surface mount integrated circuits used by my brethren QRPers?" I have always been a thru-hole man myself. Open frame, closed frame, low profile, Zif, solder tail, machined pin, 2 or 3 level wire wrap, makes no difference to me as long as it goes thru a hole..... Still have my trusty OK Industries wire wrap gun slung under the bench in a makeshift holster along with the Dremel, heat gun, and glue gun. Ok! Enough of that....

I tried building a couple of LITTLE projects using surface mount to get

them little. Played with the LM386 when I made my Zippie. Used a couple of transistors etc but other than that, I have no hands-on experience with other ICs. I am currently designing a special 10Mhz oscillator board for work where I am using an surface mount IC transistor array, hex inverter and a few discreets. (It could be quite easily turned into a tiny 30m transmitter on my own time.....wink, wink, nod, nod)

Anyway, could someone with more smd experience share a little knowledge as to what are the most commonly used surface mount ICs by QRPers.

Thanks in advance!

72,

W1REX Rex Harper "The Tinman"

Date: Wed, 13 Mar 2002 12:19:48 -0800
From: Wayne Burdick <n6kr@elecraft.com>
To: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
Cc: Phil Wheeler <w7ox@earthlink.net>, elecraft@mailman.qth.net,
 QRP-L <qrp-l@lehigh.edu>
Subject: [122000] Re: Pre wound toroids offered for K1, K2 and accessories
Message-ID: <3C8FB45F.AFA204B5@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Phil Wheeler wrote:

> One thing I could not find: Do they arrive with the leads stripped
> (and/or pre-tinned) or not?

Yes! These will be toroids that you can drop right onto the PC board.

73,

Wayne
N6KR

Date: Wed, 13 Mar 2002 15:25:05 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu

Subject: [122001] Re: HB: What are the most popular surface mount IC's?
Message-ID: <5.1.0.14.1.20020313151438.00a73c30@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 02:59 PM 3/13/2002 -0500, you wrote:

> Anyway, could someone with more smd experience share a little knowledge
> as to what are the most commonly used surface mount ICs by QRPers.

Rex,

As a guess, I'd say:

1) The same chips people have been using in through-hole packages: for example, the Norcal SMK-1 uses an NE602 and an LM386 in the receiver. Most of your commodity parts - common logic and analog chips - are available in SMT as well as DIP packages. This is also true for transistors.

2) Most DDS chips from Analog Devices come only as SMT parts.

3) Some microcontrollers. I "inherited" (some would say "scavenged") some SMT Atmel flash controllers from a guy who no longer works here. Rather than pay \$9 each for DIP versions, I went ahead and made some PC boards to use them. (But for what I do hobby-wise, if I had to purchase controllers I'd probably get the cheaper PIC machines in DIP packages.)

4) A lot of application-specific RF parts (such as quadrature detectors) from manufacturers like Maxim are available only as SMT parts, but I haven't seen them used much in hobby circuits.

Dave

"You can fool some of the people all of the time. That's enough to make a living." - Lance Burton
Dave Hinerman
WD8CIV@worldnet.att.net

Date: Wed, 13 Mar 2002 15:46:57 -0500
From: Ed Lawson <k1vp@grizzly.com>
To: n6kr@elecraft.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [122002] Re: Pre wound toroids offered for K1, K2 and accessories
Message-ID: <3C8FBAC1.6010806@grizzly.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Wayne Burdick wrote:

>
>Yes! These will be toroids that you can drop right onto the PC board.
>
What a boon to SOC members. To say nothing of those of us who always
end up with loose, sloppy toroids. One advantage will be uniformity of
inductance, on spec, and easier alignment?

Ed Lawson
K1VP
SOC 213

>

Date: Wed, 13 Mar 2002 21:04:25 +0000
From: "Tom Dufresne" <tdufres@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [122003] (re) Prewound Torroids
Message-ID: <F103YKpDS7hx27kBncc0000468e@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

No offense intended, but isn't winding torroids, tinning leads, and
soldering in components the whole idea of the "kit" experience? Who cares
about "specs" or "uniformity"? I can worry about that later. I can take more
time to wind, or take more time to be extra careful. All I care about is
that when I plug my homebuilt or kit in for the first time, I get and can
send signals, those neat "beep-beeps that let me know what I did and built
is working.

Now, granted, I am the lowest of the low on the mighty ham builders scale,
but I still have fun, and maybe even learn something when I "wind my own".
This is what kit building and homebrewing is all about, isn't it? It was
like when I heard someone was offering a "silkscreened" PCB for the 2N2-40
rig, I thought "Isn't that the point? To build and have fun doing it
yourself?"

Maybe I'm just an idiot, I can see it helping a ham with legitimate

disabilities, but to purchase them because "it saves time?" What the heck? Why buy a kit then?!?! Just buy it ready made! Have someone build it for you!

I do NOT want to begrudge a legitimate business his or her deserved earnings, I just would encourage some of those who really want to "build their own" to do it, then. You MAY actually find that winding torroids is really kind of fun! I know, tell me that when I am in the middle of my xth torroid to wind, right? hehehe Well, to each his own.

Good luck to all homebrewers and kit builders, 73, and have fun.
Tom

MSN Photos is the easiest way to share and print your photos:
<http://photos.msn.com/support/worldwide.aspx>

Date: Wed, 13 Mar 2002 16:28:33 -0500
From: Ed Lawson <k1vp@grizzly.com>
To: tdufres@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [122004] Re: (re) Prewound Torroids
Message-ID: <3C8FC481.6050909@grizzly.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Tom Dufresne wrote:

> What the heck? Why buy a kit then?!?! Just buy it ready made! Have
> someone build it for you!
>

I don't know what the numbers are, but I suspect there are a suprising number of K2s built for people who just don't have the time, inclination, ability, or whatever to build one. I have heard of K2s being built by highly experienced and capable craftsmen for ridiculously low labor costs. I take it they just enjoy building stuff. In the cases I know about, the buyer was neither elderly nor disabled, they just wanted a K2 and did not want to build it. I wonder if the same thing happened in the days of Heathkit?

Frankly, I doubt I would spring for the cost of prewound torroids, but its great the option is there.

Anything that makes construction and use of QRP kits easier and more widespread is a good thing.

BTW, didn't the early OHR kits have prewound torroids..at least for the multiband kit?

Ed Lawson
K1VP

Date: Wed, 13 Mar 2002 16:27:45 -0500
From: "Howard Kraus" <K2UD@adelphia.net>
To: <qrp-1@Lehigh.EDU>
Subject: [122005] Winding torroids (therapy)
Message-ID: <006f01c1cad5\$ea67cac0\$07633018@buf.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I find that winding torroids is good therapy after a long hard day at the salt mine. They don't talk back to you, they don't ring, they don't tell you to hurry up and you won't find a torroid reaching into your back pocket.

Ok, winding trifilar is REAL good therapy. DBMs keep me sane.

72

Howard Kraus, K2UD

Date: Wed, 13 Mar 2002 16:40:38 -0500
From: KKANALZ@prodigy.net
To: <K2UD@adelphia.net>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [122006] Re: Winding torroids (therapy)
Message-ID: <AA-6B8FD2EDC2112477AFCD48C691095606-ZZ@maillink1.prodigy.net>

Amen! Brother Howard! Torroids are good therapy, just like reading QRP Quarterly, the ARRL Handbook and so on. None of them talk back to you!

Karl K - W8TIF
McKinney, Texas
--- Original Message ---
From: "Howard Kraus" <K2UD@adelphia.net>
To: <qrp-l@Lehigh.EDU>
Subject: Winding toroids (therapy)

>I find that winding toroids is good therapy after a
long hard day at the <snip>

Date: Wed, 13 Mar 2002 16:50:28 -0500 (EST)
From: <jhisson1@columbus.rr.com>
To: <qrp-l@lehigh.edu>
Subject: [122007] Great site for electronics information
Message-ID: <Pine.LNX.4.33.0203131640140.17574-1000000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi guys,

Alot of you probably know of this site already, but I stumbled
across a great site for those of us who are new to electronics circuit design.
Really good for those (like me) who cannot look at a circuit and understand
what is going on (although I am getting better).

<http://www.tpub.com/neets/>

It is the Navy's Electrical Engineering Training Series. A friend of mine
who was a Sonar tech told me about this material. Now I found it!!

Good material. I would love to download the whole thing and put it on a
CDROM.

Anyways, thought it would be useful to some on the list... to others,
please ignore :)

71/72/73

--
Jason Hissong
N8XE
K2 #1270
FISTS #6338
FP #443

Date: Wed, 13 Mar 2002 17:47:33 -0500
From: "carl seyersdahl" <carlseye@tampabay.rr.com>
To: <k1vp@grizzly.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [122008] Re: (re) Prewound Torroids
Message-ID: <000d01c1cae1\$10a6be20\$29221c18@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You're right, the same thing did happen with Heathkit.. I know because back in the late 50's early 60's, I built many a heathkit for others, some of it ham gear, some hi-fi, etc.I just enjoyed doing it. the biggest project , as I remember, was a dx100 for the jewish welfare board in the canal zone!!!

aaaaahhhh!!!! memories!!!!

carl / kz5ca

----- Original Message -----

From: "Ed Lawson" <k1vp@grizzly.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, March 13, 2002 4:28 PM
Subject: Re: (re) Prewound Torroids

> Tom Dufresne wrote:

>

> > What the heck? Why buy a kit then?!?! Just buy it ready made! Have
> > someone build it for you!

> >

> I don't know what the numbers are, but I suspect there are a suprising
> number of K2s built for people who just don't have the time,
> inclination, ability, or whatever to build one. I have heard of K2s
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> low labor costs. I take it they just enjoy building stuff. In the
> cases I know about, the buyer was neither elderly nor disabled, they
> just wanted a K2 and did not want to build it. I wonder if the same
> thing happened in the days of Heathkit?

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> Frankly, I doubt I would spring for the cost of prewound torroids, but
> its great the option is there.

>

> Anything that makes construction and use of QRP kits easier and more
> widespread is a good thing.

>

> BTW, didn't the early OHR kits have prewound torroids..at least for the
> multiband kit?
>
> Ed Lawson
> K1VP
>

Date: Wed, 13 Mar 2002 15:59:06 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Howard Kraus <K2UD@adelphia.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [122009] Re: Winding toroids (therapy)
Message-ID: <Pine.LNX.4.33.0203131557590.3636-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Then build a 2N2 radio. Just one stage has 5 toroid coils 2 of which are
Tri-filler wound...

On Wed, 13 Mar 2002, Howard Kraus wrote:

> I find that winding toroids is good therapy after a long hard day at the
> salt mine. They don't talk back to you, they don't ring, they don't tell
> you to hurry up and you won't find a toroid reaching into your back pocket.
>
> Ok, winding trifilar is REAL good therapy. DBMs keep me sane.
>
> 72
>
> Howard Kraus, K2UD
>
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Wed, 13 Mar 2002 18:09:30 -0500
From: Tom Feeny <tfeeny@comcast.net>

To: *QRP-L <qrp-l@Lehigh.EDU>
Subject: [122010] FDIM
Message-ID: <000801c1cae4\$2757bc20\$24553e44@waldlk01.mi.comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=Windows-1252
Content-transfer-encoding: 7BIT

Are there any rooms still available in Dayton
for the Four-Days-In-May event?
Tom, W8K0X

tfeeny@comcast.net

Date: Wed, 13 Mar 2002 18:25:46 -0500
From: hamjoel@juno.com
To: qrp-l@lehigh.edu, fpqrp-l@mpna.com
Subject: [122011] Joel's Truck
Message-ID: <20020313.182547.-237559.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well I put the radio shack filter in the a+ line today and connected
straight to the battery.... brought the noise down to s7 or so.... still
goes away when I disconnect the antenna...

Tuned up the 20 mtr ant.. now I can do 20cw and 40 phone...also
put the qrp+ where I wanted it with some silicon seal stuffs... we'll see
if it holds...

I have the adapter plug on my cw key so will try and send cw
tomorrow...

the noise is now steady and I can hear some popping ... sure is nice and
quiet with the truck turned off...

now I can play 2meters or hf from the truck... should help on
those slow fishing days...

kella joel
in maine...

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<http://dl.www.juno.com/get/web/>.

Date: Wed, 13 Mar 2002 15:37:19 -0800 (PST)
From: Ekim Snavé <kd5aad2000@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [122012] Re: Great site for electronics information
Message-ID: <20020313233719.73536.qmail@web10908.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

US Navy has this as well in PDFs. All free to download.

<http://www.advancement.cnet.navy.mil/>

Click on "Products" and then go to NEETS. It's in there somewhere.

73,
Mike KD5AAD

--- jhisson1@columbus.rr.com wrote:
> Hi guys,
>
> A lot of you probably know of this site already, but
> I stumbled
> across a great site for those of us who are new to
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> Really good for those (like me) who cannot look at a
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>
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>
> It is the Navy's Electrical Engineering Training
> Series. A friend of mine
> who was a Sonar tech told me about this material.
> Now I found it!!
>
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> thing and put it on a
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> Anyways, thought it would be useful to some on the
> list... to others,
> please ignore :)

>
> 71/72/73
>
> --
> Jason Hissong
> N8XE
> K2 #1270
> FISTS #6338
> FP #443
>

Do You Yahoo!?
Try FREE Yahoo! Mail - the world's greatest free email!
<http://mail.yahoo.com/>

Date: Wed, 13 Mar 2002 18:46:58 -0500
From: "carl seyersdahl" <carlseye@tampabay.rr.com>
To: <steve@eclipsecat.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [122013] Re: White Mountain Series SSB Transceivers
Message-ID: <008101c1cae9\$5d94ad20\$29221c18@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Steve and all on lpam:: I am one of Dave Benson's customers. I built his wm 20 several years ago and it played to perfection first time, only needing a little tweak here and there , which is normal for almost any kit. After building it and using it for a while I just had to get into it and today you'd likely not know it's a wm 20. It did recently develop a problem but I believe it's most likely my owm doing. Anyway, count me as a happy customer of Dave's. You can;t go wrong with that little rig, great for ssb qrp!!!

carl / kz5ca (if, and when, I ever get the time I'll build another one)
P. S. I built one of his sw20's also and that little jewel is working just fine also!!!!

----- Original Message -----

From: "Steve Blary" <steve@eclipsecat.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, March 13, 2002 8:05 AM
Subject: White Mountain Series SSB Transceivers

> Hello everyone,

>
> I'd like to build a 20 meter SSB rig and was wondering about the White
> Mountain Series SSB Transceivers at Dave Benson's site
>
> http://smallwonderlabs.com/swl_wms.htm
>
> If any one has experience constructing and operating this rig, please
> forward your comments.
>
> Comments on other SSB kits are welcome as well.
>
> Thanks and 73's
> Steve Blary, KD4LIV
>
>
>

End of QRP-L Digest 2493

